

AREF'YEV, T.I., kand. ekon. nauk; BRASLAVETS, M.Ye., prof., doktor ekon. nauk; BROZGUL', M.M.; VLASOV, N.S., prof., doktor ekon. nauk; DUBROVA, P.F., doktor ekon. nauk; YESAULOV, P.A., kand. sel'khoz. nauk; ZAL'TSMAN, L.M., prof., doktor sel'khoz. nauk; KAL'M, P.A., dotsent, kandidat sel'skikh nauk; KOSTSELETSKIY, N.A., kand. ekon. nauk; KRYLOV, V.S., kand. sel'khoz. nauk; LIBKIND, A.S., dots., kand. ekon. nauk; MAKAROV, N.P., prof., doktor ekon. nauk; OGLOBLIN, Ye.S., kand. sel'khoz. nauk; POLOVENKO, S.I., kand. ekon. nauk; POPOV, S.A., dots., kand. ekon. nauk; SAPIL'NIKOV, N.G., doktor ekon. nauk; TISHCHENKO, G.A., prof., kand. ekon. nauk; TYUTIN, V.A., prof., doktor ekon. nauk; YANYUSHKIN, M.F., kand. ekon. nauk; PYLAYEVA, A.P., red.; FREYDMAN, S.M., red.; SOKOLOVA, N.N., tekhn. red.

[Organization of socialist agricultural enterprises] Organizatsiya sotsialisticheskikh sel'skokhoziaistvennykh predpriyatii; kurs lektsii. Moskva, Sel'khozizdat, 1963. 662 p.

(MIRA 16:8)

1. Zaveduyushchiy otdelom ekonomiki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Aref'yev).
2. Odesskiy sel'skokhozyaystvennyy institut (for Braslavets).

(Continued on next card)

AREF'YEV, T.I. (continued: Card )

3. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A. Timiryazeva (for Vlasov).
4. Zaveduyushchiy otdelom ekonomiki i organizatsii Nauchno-issledovatel'skogo instituta sadovodstva im. I.V. Michurina (for Dubrova).
5. Moskovskiy Gosudarstvennyy universitet im. M.V. Lomonosova (for Zal'tsman, Polovenko).
6. Zaveduyushchiy kafedroy organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Kal'm).
7. Zaveduyushchiy otdelom ekonomiki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for Kostseletskiy).
8. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitsevodstva (for Krylov).
9. Moskovskiy ekonomiko-statisticheskiy institut (for Libkind).
10. Vsesoyuznyy sel'skokhozyaystvennyy institut zaobnogo obrazovaniya (for Makarov).
11. Zaveduyushchiy otdelom ekonomiki Krasnodarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Ogloblin).
12. Kafedra organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Popov).
13. Zaveduyushchiy kafedroy Sovetskoy ekonomiki Vysshey partiynoy shkoly (for Sapil'nikov).
14. Voronezhskiy sel'skokhozyaystvennyy institut (for Tishchenko).
15. Leningradskiy sel'skokhozyaystvennyy institut (for Tyutin).
16. Direktor Severo-Kavkazskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Yanyushkin).

(Agriculture--Economic aspects)

KUVSHINOV, I.S., prof.; GORLANOV, I.A., kand. ekon. nauk; UTEKHIN,  
A.G., kand. sel'khoz. nauk; YEREMIN, S., red.; LAHIDUS, M.,  
red.; RAKITINA, Ye., red.; TIKHONOVA, Ye., red.;  
FREYDMAN, S., red.

[World agriculture] Mirovloe sel'skoe khoziaistvo. Moskva,  
Kolos, 1964. 419 p. (MIRA 18:..)

GORDON, L.V.; NOSOVA, N.I.; TREFILOVA, G.V.; FREYDMAN, V.V.

Extraction of pyrocatechol from settled gas producer wood tar  
by means of its washing and obtaining of tar oils and phenols  
from the washed tar. Sbor.trud.TSNILKHI no.14:26-31 '61.  
(MIRA 16:4)

(Pyrocatechol)

(Phenols)

(Wood tar)

FRIDMAN, Ye.M.

Development of movable packing in machinery manufacturing. Trudy Inst.  
ist. est. i tekhn. 13:175-214 '55. (MLRA 10:1)  
(Packing (Mechanical engineering) --History)

FREYMUNDT, Ye.N., dots.; KORENEVSKAYA, N.N., dots.; IL'CHENKO, S.F.;  
SAMOYLOVA, A.A., dots.; GUROV, G.M., dots.; IVANOV, Yu.M.;  
ZAYTSEVA, N.V., dots.; EYDEL'MAN, M.R., red.; KONIKOV, L.A.,  
red.; PONOMAREVA, A.A., tekhn. red.

[Balance of the gross national product of a Union Republic;  
problems in the theory and methodology of its preparation]  
Balans obshchestvennogo produkta soiuznoi respublik; vop-  
rosy teorii i metodiki sostavleniia. Moskva, Ekonomizdat,  
1962. 326 p. (MIRA 16:4)

1. Moscow. Ekonomiko-statisticheskii institut.  
(Gross national product)



KANTOROVICH, M.M.; PRYDOVICH, A.I.

A new method for the formation of ureteral fistula. Fiziol. zhur.  
45 no.5:623-624 My '59. (MIRA 12:7)

1. Eksperimental'naya laboratoriya Okruzhnogo voyennogo gosptalya,  
Petrozavodsk.

(URETERS, fistula,  
exper. technic in dogs (Rus))



KANTOROVICH, M.M. (Petrozavodsk); FREYDOVICH, A.I. (Petrozavodsk)

Method for study of the urinary bladder. Fiziol. zhur. 46 no. 11:  
1417-1419 N '60. (MIRA 13:11)  
(BLADDER) (FISTULA)

PROCESSING AND PROPERTIES INDEX																									
1ST AND 2ND EXP(S)													3RD AND 4TH EXP(S)												
<p>114</p> <p>The pharmacological study of triprotamine-zinc-insulin.  A. L. Eysenck. <i>Problemy Endokrinol.</i> 4, No. 4, 32-3  (1959). -- Triprotamine-Zn-insulin, prepd. in U. S. S. R.  from the sperm glands of the sturgeon, compares favorably  with the best monoprotonamine preps. made in other coun-  tries. Tests were made on rabbits, each prep. contg. 40  units of insulin per cc. The dose was one unit per kg. of  rabbit wt. which is equal to 0.025 cc. (undil.). The blood  was tested every 12 hrs. For the first 6 hrs. the depression  of blood sugar was identical with both preps., but after  7-10 hrs. the triprotamine deriv. caused greater drop  in sugar than did a Danish monoprotonamine deriv. Tri-  protamine-Zn-insulin has no free insulin, is nontoxic and  depresses the blood sugar very gradually; increase of dose  to 1.5 units per kg. of body wt. prolongs its action to 24  hrs. C. S. Shapiro</p>																									
<p>ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>REGIONAL DIVISION</p> <p>REGIONAL DIVISION</p>																									

CH FREYDOVICH, A.L.

Accelerated hormone test for pregnancy. I. A. Eskin  
and A. L. Freydovich. *Abkashiro (abstract)* 1950, No. 2.  
Vol. 5. Adult white mice are injected with 1 ml. fresh urine  
and after 48 hrs. their ovaries are examined for blood  
"spots." If the test is pos. for 3 out of 5 mice, pregnancy  
is indicated. G. M. Kosolapoff

BA FREYDOVICH, A.L.

Reproduction

Specificity of the ovarian hyperemia reaction to gonadotrophic hormone. I. A. Eskin and A. L. Freydovich (C. R. Acad. Sci. U.R.S.S., 1961, 77, 840-844) - Ovarian hyperemia following injection of 2-6-80 mouse units of Prolan B into immature female rats is observed when the animal is killed with ether,  $\text{CHCl}_3$ , or coal gas, but not with Hexonal or by a blow on the head. The reaction is therefore not specific for Prolan B, and is useless for assay or diagnostic purposes. R. Tauson

FREYDOVICH, A.L. (Moskva); DANILOVA, M.P. (Moskva)

Comparative study of the biological action of cortin, cortisone, and desoxycorticosterone. Probl. endok. i gorm. 2 no.5:50-53 S-O '56.  
(MIRA 9:12)

1. Iz otdela eksperimental'noy biologii (zav. - prof. I.A. Eskin)  
Vsesoyuznogo instituta eksperimental'noy endokrinologii dir. - prof.  
Ye.A. Vasyukova

(ADRENAL CORTEX HORMONES, effects,  
cortin, cortisone & DOC, comparison of biol.action in  
animals (Rus))

FREYDOVICH, A. N.

Freydovich, A. N. "On the problem of determining the surgical forms of mastoiditis",  
Sbornik trudov Leningr. nauch.-issled. in-ta po boleznyam ukha, nosa, gorla i rechi,  
Vol. IX, 1948, p.224-28.

SO: U # 3042, 11 March 53, (Ietopis "Zhurnal "nykh Stat'y, No. 7, 1949)

NIKITSKAYA, B.A.; LAKOTKINA, O.Yu.; METUZHENKO, I.Yu.; BOBKOVA, Ye.G.;  
VAYNSHTEYN, A.M.; FLEYKOVICH, A.N.; GHEVENICH, A.M.

Epidemiological effectiveness of immunization with glyceroformol  
streptococcal polyvalent vaccine. Zhur. mikrobiol., epid. i immun.  
41 no.9:36-42 5 '64. (MIRA 18:4)

1. Institut endemologii, mikrobiologii i sibirskoy zoonoznoy bakterii,  
Nauchno-issledovatel'skiy institut zhena, zoonoz, karkas i zashiti i  
Nauchno-issledovatel'skiy patsiologicheskii institut, Leningrad.

FABYLOVICH, G. I.

34946. Nevrolo icheskaya kharakteristika bel'nykh gipertensicheskoy kolezn'yu  
lechen'nykh fizicheskimi metodami. Trudy Uzb. res. nauch. - issled. in-ta  
kurortologii i fizioterapii im. Semashko, sb. 11, 1988, c. 171-81

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1989



FRYDOVICH, G. N., BYKOV, S. S. i ITINA, I. A.

36948. FRYDOVICH, G. N., BYKOV, S. S. i ITINA, I. A. Nekotoryye funktsii organa zreniya u bol'nykh gipertonicheskoy ionizatsiyey. - V ocl. 3-y avt: Itina N. A. Trudy Uzbek. os. nauch. - issled. in-ta kurortologii i fizioterapii im. Semashko, sb. 11, 1949, s. 203-07.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

FREYDOVICH, G.M.

Some characteristics of the course of hypertension from the  
neurological viewpoint. Trudy Uz.gos.nauch.-iss', inst.kar. 1  
fizioter. 13:57-65 '55. (MIRA 18:2)

Freidovich.  
FREYDOVICH, G.M. (Tashkent)

Sensitivity of the skin to ultraviolet rays as a method of neurological diagnosis. Vop.kur., fizioter. i lech.fiz.kul't. 22 no.2: 10-13 Mr-Apr '57. (MIRA 11:1)

(ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)  
(NERVOUS SYSTEM--DISEASES)  
(SKIN)

FREYDOVICH, G.M., prof.

"Chronic brucellosis" by N.D. Beklemishev. Reviewed by G.M. Freidovich.  
Med.zhur.Uzb. no.1:82-84 Ja '59. (MIRA 13:2)  
(BRUCELLSIS)

UREVICH, A.B., kand. tekhn. nauk; GOLUB, O.V., mladshiy nauchnyy sotr.;  
KARNAUKH, K.A., tekhnik; FREYDOVICH, N.I., tekhnik; SHISTER,  
G.M., red.; GANKINA, R.G., tekhn. red.....

[Album of machines, equipment, and instruments for repairing facades]  
Al'bom mashin, prispособlenii i instrumentov dlia remontno-fasadnykh  
rabot. Moskva, 1962. 89 p. (MIRA 16:3)

1. Akademiya kommunal'nogo khozyaystva. Leningradskiy nauchno-  
issledovatel'skiy institut.  
(Facades) (Building--Equipment and supplies)

FRYDZON, A.I.; BAKHAREV, A.M.; MEDVED', A.Ye.

Weather contrasts in the winter of 1956-1957. Priroda 46 no.9:91-94  
S. '57. (MLR 10:8)

1. Leningradskoye byuro pogody (for Freydzon). 2. Stalinabadskaya  
astronomicheskaya observatoriya Akademii nauk Tadzhikskoy SSR (for  
Bakharev, Medved').

(Tajikistan--Climate)

AUTHOR: Freydzon, A. I. 50-58-4-21/26

TITLE: On the "Guide to Short-Range Weather Forecasts" (O rukovodstve po kratkosrochnym prognozam pogody)

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 4, pp 53-56 (USSR)

ABSTRACT: The publication of this book (part I - 1955, part II - 1954) has been a great event for home and foreign meteorologists. Its publication has long been due. To write such a book is, of course, not an easy task; this may be the reason for a number of mistakes in the first edition of this guide, which does, by no means, diminish the importance of this valuable book. In the present criticism the guide is reviewed from a synoptist-practical point of view. It is already long out of print and the next edition is due. First of all the title does not quite correspond with the topic of the book: it would be more adequate to speak of a compilation of material. A number of tables, diagrams and schemes is listed. based on observations in various regions; of their application in other regions very little is said. A number of problems introduced in this book are already well known from other

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On the "Guide to Short-Range Weather Forecasts"

50-58-4-21/26

textbooks. Other more important questions are neglected and the large size makes the book more expensive. Annoying are the misprints; they make it very difficult for the practitioner to use the demonstrated material. There is not even an index of misprints. In the following various chapters are criticized. Page 493 brings schemes of thermobaric fields which favor the formation of cyclones and anticyclones. It is explained in the commentary, that near such fields "mostly" or "often" the corresponding baric formations occur. But there is no mentioning of other fields which may have the same effect. Considerable attention is given to the prognosis of baric formations. In most cases the cyclones deviate to the right of isohypsal lines, the anticyclones, on the contrary, to the left. As this is not always the rule in synoptical practice, it ought to be mentioned, that specially these cases are the reason for wrong forecasts. Attention is also paid to the vertical motion. For its calculation two methods are offered, the second of which is too complicated and hardly applicable in operative work. It would have been better to give one of the calculation methods of vertical air currents according to

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On the "Guide to Short-Range Weather Forecasts"

50-58-4-21/26

Ye. M. Orlova (Meteorologiya i Gidrologiya, 1955, Nr 1) from the wind field. Against the statements of the guide the precipitation increases when the cyclone is filled up, as a result of the increase of the vertical velocities. In a guide schematic illustrations of various baric fields should be given, which show their time changes and the one or the other kind of vertical motions. In the second part a number of guiding principles and techniques are listed, which have been unknown so far and did not find widespread use. There is no doubt that they will be successfully used in the country. The chapter on early and late frost is not satisfactory. There are, in fact, only general observations. Diagrams, formulae and tables, which could help reify the forecast, are missing. The chapter on the wind is rather concise and shows a number of inaccuracies. At the forecast of pelting rains and thunderstorms the initial data on aerial probing (page 143) are missing, which impedes the analysis of the listed example and the application of the method as a whole. May the origins of the proposed methods, the geographical material and the material of tables find reflection in the next edition.

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On the "Guide to Short-Range Weather Forecasts"

50-58-4-21/26

AVAILABLE: Library of Congress

1. Weather forecasting - USSR
2. Literature - USSR

Card 4/4

3(0)

AUTHOR:

Freydzon, A. I.

SOV/50-58-12-20/20

TITLE:

Veterans of the Hydrometeorological Service  
(Veterany gidrometeorologicheskoy sluzhby)

PERIODICAL:

Meteorologiya i gidrologiya, 1958, Nr 12, pp 56-57 (USSR)

ABSTRACT:

70th anniversary of Adamov, Pavel Nikolayevich. He started his scientific career in 1911 as a physicist at the Glavnaya fizicheskaya observatoriya (Physical Main Observatory) now GGO im. A. I. Voyeykova = Glavnaya geofizicheskaya observatoriya (Geophysical Main Observatory imeni A. I. Voyeykov). Since then he has devoted all his work to hydrometeorology. During the last 25 years he has worked in the Leningradskoye (now Severo-Zapadnoye) upravleniye gidrometeoslužby (Leningrad, now North-Western Administration of the Hydrometeorological Service) where he lately held the post of the head of the Meteorological Department. Adamov organized weather bureaus at Rostov and Smolensk, he headed the bureau at Khabarovsk and worked at Saratov as well as at other places. His practical experience and knowledge enabled him to combine practical activity with teaching at the Vyssheye voyenno-morskoye uchilishche imeni M. V. Frunze (High Military Naval Academy imeni M. V. Frunze) and at various perfection courses. Simultaneously

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Veterans of the Hydrometeorological Service

SOV/50-58-12-20/20

he did scientific research work and published several papers on the problems of synoptic meteorology. In spite of his retirement Adamov is still in close contact with his former place of work and he intends to publish a comprehensive book on the history of weather service.

40 years ago, Nikolay Ivanovich Bel'skiy, one of the senior synopticians of the USSR, started his activity. For more than 35 years he worked in the hydrometeorological service. From 1922 to 1930 Bel'skiy worked as a calculator and scientific researcher at the department of the Yezhednevnyy byulleten' Glavnoy fizicheskoy observatorii (Daily Journal of the Physical Main Observatory). He worked then for more than 25 years as chief-synoptics engineer at the Leningradskoye byuro pogody (Leningrad Weather Bureau). The combination of practical work with scientific activity was a characteristic feature of Bel'skiy. His papers on conditions of the development of thunderstorm activity are well known among experts. Since 1953 a group has been organized for the investigation and prevention of inundations of Leningrad within the north-western administration of the hydrometeorological service. Bel'skiy as the head of this group published several important scientific papers concerning these investigations. Bel'skiy was awarded a price for

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Veterans of the Hydrometeorological Service

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the excellent forecast of the inundation of October 15, 1955 and for other successful scientific work. Although already retired Bel'skiy takes part in seminars and gives advisory assistance to the weather bureau.-There is 1 figure.

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USCOMM-DC-61015

3(S)~

AUTHOR:

Freydzon, A. I.

SOV/50-59-7-8/20

TITLE:

An Unusual Case of Flood in Leningrad  
(Redkiy sluchay navodneniya v Leningrade)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 7, pp 35-36 (USSR)

ABSTRACT:

A flood in Leningrad means a rise of water level in the mouth of the Neva of 150 cm above the mean level of many years. 215 such cases are known between 1703 and 1957. During this period, only 4 floods were observed in May, the last of them on May 23, 1872. A fifth flood in May took place in 1958. On May 17, 1958, in the morning, a small cyclone with a pressure of 999 mb in the center shifted from the west to the south of the Baltic Sea. The cyclone sank corresponding to currents in the altitudes, and shifted northwards. On the morning of May 18 it arrived at the Aland Islands (p = 987 mb). The winds in the Gulf of Finland were still weak at that time. Then the cyclone sank further, and shifted to the north-east into the inner parts of Finland. Southwest and west winds with an intensity of 8-9 ball rose in the entire Gulf of Finland. A wave with its crest between Ristna and Tallinn could be observed at 9 hours

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- An Unusual Case of Flood in Leningrad

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in the Gulf of Finland. At 13 hours, the crest of the wave 62 cm high was already east of Tallinn. As it always occurs before floods, the water level in Leningrad dropped to +25 before that point of time. At 17 hours, the crest of the wave 90 cm high was west of Leningrad. At 20,10 hours, the wave entered the mouth of the Neva, and the water level in Leningrad attained 146 cm. During the following 1 hour and 15 minutes, the water level in the Neva was irregular. The maximum water level of 156 cm was determined at 21,25 hours. As usual, the maximum rise of the water level in the mouth of the Neva nearly coincided with the time of the passage of the maximum rise in air pressure behind the cold front.- A diagram is shown in figure 1. It shows the increase of the amplitude of the long wave in the Gulf of Finland during its displacement to the east. The coefficient of the rise of the long wave in the flood of 1958 was 4.5. In the floods of 1924 and 1955, it was 3.3 and 3.7 respectively.- The principal cause of the cyclone sinking and of the intensive pressure rise at the back of the cyclone was the strong advection of the cold from the Barents Sea and Scandinavia. There is 1 figure.

Card 2/2

PROKH, Leonid Zus'yevich; FREYDZON, A.I., otv. red.; LIVSHITS, B.Kh.,  
red.; FLAUM, M.Ya., tekhn. red.

[The angry and the kind winds] Serditye i dobrye vetry. Lenin-  
grad, Gidrometeor. izd-vo, 1961. 150 p. (MIRA 15:3)  
(Winds)



SOLOMATIN, A.O. (s.Vsevolodo-Blagodatskoye, Sverdlovskaya obl.); GRIGOR'YEV, G.V.; FREYDZON, A.I.; KUZNETSOV, N.T.; POLOV, A. (Earnaul); RZHEVSKIY, B.M. (Moskva); DAVYDOV, V.D.

Calendar of nature. Priroda 51 no.3:125-128 Mr '62.

(MIRA 15:3)  
1. Karagandinskiy botanicheskiy sad AN Kazakhskoy SSR (for Grigor'yev). 2. Severo-Zapadnoye upravleniye gidrometsluzhby, Leningrad (for Freydzon). 3. Institut geografii AN SSSR, Moskva (for Kuznetsov). 4. Gosudarstvennyy astronomicheskiy institut im. P.K.Shternberga, Moskva (for Davydov).  
(Nature study)

FREYDZON, A.I.

Calculating the height of increases of the water level in the  
mouth of the Neva. Trudy GOIN no.69:92-94 '62. (MIRA 15:11)  
(Neva River estuary--Hydrology)

ADAMOV, Pavel Nikolayevich; FREYDZON, A.I., otv. red.; ZEL'MANOVA,  
L.A., red.

[Life devoted to a favorite work] Zhizn' otdannaya liubi-  
momu delu. Leningrad, Gidrometeorologicheskoe izd-vo,  
1965. 110 p.  
(MIRA 1961)

S/105/60/000/07/05/027  
B007/B005

AUTHOR: Freydzon, I. P., Candidate of Technical Sciences, Docent

TITLE: Investigation of the Automatic Helmsman by Means of an  
Electron Computer

PERIODICAL: Elektrichestvo, 1960, No. 7, pp. 20-25

TEXT: The functions to be observed by the automatic control<sup>9</sup> for a sufficiently accurate holding of the steered course are pointed out, and the results of investigation of a realized circuit of an automatic helmsman are given. The circuit was suggested by A. P. Sheffer and G. I. Parfenov. A. V. Mozgalevskiy, V. F. Brenev, Yu. A. Lukomskiy, and V. M. Aleksandrov cooperated in the experimental investigations. Fig. 1 shows the block diagram of the automatic control system. It consists of the hydrodynamic part (hull, rudder, water mass) and the system of the automatic helmsman. The latter system includes a steering motor with gearing and a dynamoelectric amplifier. A Selsyn measuring member is used as a measuring organ for the circuit of the automatic helmsman. The steering wheel and the steering measuring member connected with it

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Investigation of the Automatic Helmsman  
by Means of an Electron Computer

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are used as a steering element of the follow-up control of the rudder and of the automatic control system. Besides the principal feedback which gives a signal proportional to the course angle  $\psi$  to the input of the automatic helmsman, parallel correction devices and additional feedbacks are also available. One of the most important parallel correction devices is the one which on prolonged action of external forces (producing a moment around the ship's vertical axis) automatically corrects the course to the prescribed course of the ship. As investigation and calculation of a follow-up driving system with several circuits are complicated, a simulation was applied here. The initial equations (1) to (11) used for this purpose are written down. These equations for the hydrodynamic part were assumed according to the formulas suggested by L. P. Kuz'min, R. Ya. Pershits, and Ye. B. Yudin. Before setting up the block diagram of the simulator, the equations were transformed, and then - on the basis of the latter - the block diagram of the simulating system was composed according to Fig. 2. It was realized with the aid of <sup>28</sup> computer blocks of the nonlinear electronic simulator MH-7 (MN-7). It is shown that the assumed initial rules of simulation yield practically reliable results and can be used as a basis for the investigations of

VB

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FREYDZON, I.R.; VEREBRYUSOV, I.A., kandidat tekhnicheskikh nauk, retsenzent;  
SKULYABIN, V.A., kandidat tekhnicheskikh nauk, relaktor; PETERSON,  
M.M., tekhnicheskiiy redaktor

[Electric drive of ship machinery] Elektroprivod sudovykh mekhaniz-  
mov. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. i sudostroit.  
lit-ry, 1954. 410 p. (MLRA 9:8)

(Electricity on ships) (Electric driving)

*Freidzon, I.R.*  
FREYDZON, I.R., kand. tekhn. nauk.

Calculating electric drives for steering gear with mechanical transmissions for transitions and emergency operation. Sudostroenie 23  
no.11:26-30 N '57. (MIRA 11:1)

(Steering gear--Electric driving)

8(0)

PHASE I BOOK EXPLOITATION

SOV/2390

Freydzon, Isaak Rubinovich

Sudovyye elektromekhanizmy (Electric Mechanism of Ships) Leningrad, Sudpromgiz, 1958. 499 p. Errata slip inserted. 6,000 copies printed.

Scientific Ed.: V. Ye. Nitsay; Ed.: Ye. M. Sharak; Tech. Ed.: A.I. Kontorovich.

PURPOSE: this book is intended for engineering and scientific personnel of the ship-building and electrical industries. It may also be useful to undergraduate and graduate students of vuzes.

COVERAGE: The author discusses problems of determining the type and power of motors for marine machinery. He describes methods of selecting control circuits and calculating basic circuit parameters. He also discusses transients and stability of electric drives for marine mechanisms acted upon by external and internal disturbances. The material is based largely on lectures delivered by the author over a period of 20 years at the Leningradskiy elektrotekhnicheskii institut imeni V. I. Ul'yanova (Lenina) [Leningrad Electrical Engineering

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8(2), 8(5)

SOV/105-59-3-9/27

AUTHOR:

Freydzon, I. R., Candidate of Technical Sciences, Docent

TITLE:

The Application of Mathematical Modeling by Means of Analog Computers for the Analysis of a Motor-generator System (primeneniye metoda matematicheskogo modelirovaniya pri pomoshchi vychislitel'nykh mashin nepreryvnogo deystviya dlya analiza sistemy generator - dvigatel')

PERIODICAL:

Elektrichestvo, 1959, Nr 3, pp 41 - 47 (USSR)

ABSTRACT:

This is a presentation of an example of using the method of mathematical modeling by means of analog computers for the analysis and the calculation of an electric drive of a control device operating according to a generator-motor system with current counterfeed. The complicated torque curve and the prevalence of a transient mode of operation as compared to a stabilized mode of operation is a characteristic feature of the control device operation. The existence of current counterfeed and the variation of the torque within wide limits lead to a non-linear problem. As the character of torque variation is very complicated the power of the drive will to an essential degree be dependent upon the form

Card 1/4

The Application of Mathematical Modeling by Means of Analog Computers for the Analysis of a Motor-generator System SOV/105-59-3-9/27

and the chosen range of operation of the idling characteristic. The duration of the transients also depends upon the ratio of the parameters and a variation of the parameters can only be achieved by a maximum power output. All these circumstances lead to the necessity of varying the system parameters within a wide range. This can easily be achieved with the help of electronic computers. They are characterized by a simple programming, the possibility of a rapid variation of parameters, the modeling of non-linear functions, the feeding of initial quantities with an accuracy not exceeding  $\pm 1\%$  and the recording of the results by means of an oscillograph. The main element of the electronic computer is the operational direct current amplifier. It consists of a direct current amplifier with a great factor of static amplification ( $k = 40000$ ) and a complete feedback resistance  $z_0$ , which can be an active as well as a capacitive resistance. The system is expressed by equation (1) and (2). It is shown that the operational amplifiers provide a means for carrying out various mathematical operations and for solving the system

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The Application of Mathematical Modeling by Means of      SCV/105-59-3-9/27  
Analog Computers for the Analysis of a Motor-generator System

of equations. The transients in the generator-motor system with current counterfeed are expressed by a system of equations (with dimensionless variables) (10) - (20). The equations (17) and (18) apply to a direct current driving motor and (19) and (20) apply to an induction motor. Equations (15), (16) and (17) are given graphically. By a sample problem the application of the method of mathematical modeling with the help of electronic computers MN-7 to the analysis of the influence of the variation of parameters of the generator-motor system (with counterfeed) of the electric drive of a control installation is demonstrated. Summary: The application of the method of mathematical modeling with the help of analog computers permits the selection of the most advantageous parameters of the system with respect to the maximum capacity of the drive, and it also yields reliable data on the various operation methods (among them the emergency operation). The Student Yu. A. Lukomskiy assisted in the experiments with the electronic computer MN-7. There are 10 figures and 1 table.

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The Application of Mathematical Modeling by Means of      SOV/105-39-3-3/27  
Analog Computers for the Analysis of a Motor-Generator System

ASSOCIATION:    Leningradskiy elektrotekhnicheskiy institut im. Ul'yanova  
                  (Lenina) (Leningrad Institute of Electrical Engineering  
                  imeni Ul'yanov (Lenin))

SUBMITTED:      November 14, 1958

Card 4/4

FREYDZON, I.R., kand.tekhn.nauk, dotsent

Use of an electronic computer in the study of a gyro pilot.  
Elektrichestvo no.7:20-25 J1 '60. (MIRA 13:8)

1. Leningradskiy elektrotekhnicheskii institut im. Ul'yanova  
(Lenina).

(Electronic calculating machines)  
(Gyrocompass)

16.8000

S/105/62/000/001/001/006  
E140/E435

AUTHOR: Freydzon, I.R., Doctor of Technical Sciences,  
Professor (Leningrad)

TITLE: A method of mathematical modelling for the analysis of  
control system reliability

PERIODICAL: Elektrichestvo, no.1, 1962, 36-39

TEXT: In an analogue computer it is possible to simulate various types of faults in an automatic control system and to obtain in this way information facilitating rapid repair or the design of more reliable systems. The author uses the example of a ship course control, which was simulated on the Soviet electronic analogue computer MH-7 (MN-7). On the basis of the system block diagram and equations, suitable scale factors are chosen and the circuit of the model established. Various types of breakdowns in the system can be simulated by removing certain voltages from the system model, short-circuiting certain nodes, etc. It is confirmed that the locus of the fault has an important role in determining the magnitude and character of the faulty behaviour of the ship in the presence of the fault. For the particular model  
Card 1/2

VB

A method of mathematical modelling ... S/105/62/000/001/001/006  
E140/E435

studied. a table is given capable of localizing faults in four  
different loci of the ship's course control. Among the  
conclusions it is proposed that, in order to obtain high  
reliability, differential circuits should be avoided in the design  
of such control systems. There are 5 figures and 1 table. ✓B

SUBMITTED: October 10, 1961

Card 2/2

FREYDZON, I.R., doktor tekhn.nauk, prof.; BRENEV, V.F., inzh.;  
ARKHANGEL'SKIY, Ye.A., inzh.

Mathematical modeling of a system of electric drives containing  
a generator with commensurable power. Elektrichestvo no.3:  
65-71 Mr '64. (MIRA 17:4)

1. Leningradskiy elektrotekhnicheskiy institut.

PREYDON, I.P., doctor. Dokl. Akad. Nauk SSSR, 1974, no. 24.

Increasing the reliability of hydraulic drive systems. Substroenie  
30 no.9:12-15 S 1974. (NIRA 17:11)

FREYDZON, Isaak Rubinovich. Prinimali uchastiye: ARKHANGEL'SKIY, Ye.A.; BRENEV, V.F.; FATEYEV, A.V., doktor tekhn. nauk, retsenzent; TITOV, N.I., nauchn. red.; NIKITINA, M.I., red.

[Mathematical modeling of the automatic control systems of ships] Matematicheskoe modelirovanie sudovykh sistem avtomaticheskogo upravleniya. Leningrad, Sudostroenie, 1964. 423 p. (MIRA 18:2)

MIKHAYLOV, Vladimir Aleksandrovich; RUKAVISHNIKOV, Sergey  
Borisovich; FREYDZON, Isaak Rubinovich; VYLKOST, V.D.,  
inzh., retsenzent; KHAYKIN, A.B., kand. tekhn. nauk dots,  
retsenzent; NORNEVSKIY, B.I., prof., nauchn. red.

[Electric propulsion of ships and electric driving of  
ship mechanisms] Elektrodvizhenie sudov i elektroprivod  
sudovykh mekhanizmov. Leningrad, Sudostroenie, 1965.  
606 p. (MIRA 18:7)



FREYDZON, I.R., prof. doktor tekhn.nauk, inzh.-polkovnik; GAZIYEV, A.A.,  
inzh.-kapitan 3-go ranga

Using the programmed method of instruction in training specialists  
of the navy. Mor. sbor. 47 no.12:15-19 D '63.

(MIRA 18:12)

ACC NR: AM5025912 (N)

Monograph

UR/

Mikhaylov, Vladimir Aleksandrovich; Rukavishnikov, Sergey Borisovich;  
Freydzon, Isaak Rubinovich

Electric operation of ships and electric drive in ship mechanisms  
(Elektroprivod sudov i elektroprivod sudovykh mekhanizmov)  
Leningrad, Izd-vo "Sudostroyeniye," 1965. 606 p. illus.,  
biblio., tables. 4400 copies printed.

TOPIC TAGS: ship building, electric drive

PURPOSE AND COVERAGE: This book is intended for students specializing  
in electrical equipment of ships in advanced maritime schools.  
It may also be useful to ship designers. The book deals with the  
theory and methods of calculating automatic electric drives of ship  
screws and auxiliary electrical systems. It describes the electric  
drives of ship steering mechanisms, loading devices, pumps, venti-  
lators, and compressors.

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UDC 629.12: 621.31

ACC NR: AM5025912

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Ch.1. Operating conditions and basic characteristics of a ship's electrical equipment

Ch. 2. Transient conditions of ship electric drives -- 61

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Part III. ELECTRIC DRIVES FOR AUXILIARY SHIP MECHANISMS

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Cord 2/3

ACC NR: AM5025912

Ch.9. Electric drives for steering devices -- 333

Ch.10. Electric drives for anchor-hawser devices -- 486

Ch.11. Electric drives for ship winches and cranes -- 520

. Bibliography -- 599

SUB CODE: 13/ SUBM DATE: 24Apr65/ ORIG REF: 039/ OTH REF: 001.

Card 3/3

ACC NR: AR7008649

SOURCE CODE: UR/0372/66/000/012/G029/G029

AUTHOR: Freydzon, I. R.

TITLE: Application of sensitivity theory to analyzing the reliability of automatic control systems

SOURCE: Ref. zh. Kibernetika, Abs. 12G182

REF SOURCE: Izv. Leningr. elektrotekhn. in-ta, vyp. 56, ch. 3, 1966, 20-24

TOPIC TAGS: automatic control theory, system reliability, sensitivity increase

ABSTRACT: The author considers the possibilities of using sensitivity theory for synthesizing complex systems in such a way as to give a functional system over a wide range. The following conclusions are made on the basis of the given analysis: sensitivity theory may be used to design control systems with regard to a reliability criterion; an investigation of the sensitivity of a system gives a means for determining the parameters which must be held stable for maximum operational safety of the system, and in a number of cases indicates the necessity for circuit changes to increase the operational reliability of the system; the use of the signal graph method gives a fairly simple procedure for constructing a sensitivity model which may be used for calculating the sensitivity of a system with respect to any given parameter. G. V. [Translation of abstract]

SUB CODE: 09

Card 1/1

UDC: 62-507,019,3

*FREYDZON, V.A.*

KADYROVA, T.K., kandidat meditsinskikh nauk (Leningrad); FREYDZON,  
V.A. (Leningrad)

A case of Marchiafava disease with extrapyramidal hyperkinesia.  
Klin. med. 35 no.2:143-146 F '57 (MLRA 10:4)

1. Iz gematologicheskoy kliniki (zav.-prof. S.I. Sherman)  
Leningradskogo instituta perelivaniye krovi i kafedry nervnykh  
bolezney (zav.-deystvitel'nyy chlen AMN SSSR prof. S.N.  
Davidenkov) Leningradskogo Gosudarstvennogo instituta  
dlya usovershenstvovaniya vrachey.

(HEMOGLOBINURIA, PAROXYSMAL, compl.  
extrapyramidal hyperkinesia)

(MOVEMENT DISORDERS, case reports  
extrapyramidal hyperkinesia in paroxysmal  
hemoglobinuria)

KOGAN, M.K., nauchnyy sotrudnik; FREYDZON, V.A., nauchnyy sotrudnik

Change of the iron content in and the catalase activity of the blood  
in some blood system diseases. Akt.vop.perel.krovi no.6:126-132 '58.  
(MIRA 13:1)

1. Biokhimicheskaya laboratoriya (zav. laboratoriyey - doktor biol.  
nauk I.F. Seyts) i gematologicheskaya klinika (zav. klinikoy - prof.  
S.I. Sherman) Leningradskogo instituta perelivaniya krovi.  
(IRON IN THE BODY) (CATALASE) (BLOOD--DISEASES)

FREYDZON, V.A.; KURALEVA, V.V.

Chronic leukemia combined with malignant neoplasms (according to data of the hematological clinic of the Leningrad Institute of Blood Transfusion). Vop.onk. 11 no.11:29-31 '65.

(MIPA 19:1)

1. Iz gematologicheskoy kliniki (rukovoditel' - prof.S.I.Sherman) Leningradskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (direktor - dotsent A.D.Belyakov; nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof.A.N.Filatov).



DVORAK, Jaroslav; FREYER, Gunter; URBANEK, Jan

New information on the Paleozoic in the surroundings of Horní Benetov in Dolní Jeseník Mountains. Věstník geol. 89 no.5:331-339 3 1964.

1. Československé náftové doły, Brno; Geologický průzkum National Enterprise, Rymarev (for Dvorak and Urbanek). 2. Geological Service Freiberg, German Democratic Republic (for Freyer).

FREYEROV, O. Ye,

FREYEROV, O. Ye, DCC Med Sci -- (diss) "The Clinic and forensic-psychiatric expertise of debility." Mos, 1958. 22 pp (Min of Health USSR. Central Inst for the Adv. Training of Physicians). 200 copies (KL 20-58, 100)

*Free fall*

AUTHOR: Freyfel'd, I.Ya. (Stalino) 47-6-15/37

TITLE: Establishing the Acceleration in the Free Fall of Bodies  
(Opredeleniye uskoreniya svobodnogo padeniya tel)

PERIODICAL: Fizika v Shkole, 1957,<sup>17</sup># 6, pp 61 - 62 (USSR)

ABSTRACT: The author states that practical training to establish the acceleration of a free fall, as provided by the program of the 8th class, is meeting difficulties because the device described in the book, edited by A.A. Pokrovskiy "Practical Training in Physics"(Praktikum po Fizike), is not being manufactured by the Glavuchtekhprom in sufficient numbers. The author has, therefore, constructed a device of his own illustrated in Fig. 1. A detailed description of the electric device follows.

ASSOCIATION: 68th Secondary School, Stalino (68-ya Srednaya Shkola, Stalino)

AVAILABLE: Library of Congress

Card 1/1

FREYFEL'D, V. Ya.

"Repenting" formations on the seasonal snow cover. Izv. Uzb. fil. geog.  
ob-va no. 3:173-179 '57. (MIRA 11:4)  
(Fergana Range--Snow)

NOZDRYUKHIN, V.K.; ~~FRAYTEL'D, Y. Ya.~~

Data on the surface melting of the "dead" part of the Inyl'chek  
Glacier [with summary in French]. Rab. Tian'-Shan. fiz.-geog.  
lab. no.1:65-78 '58. (MIRA 12:8)  
(Inyl'chek Glacier)

FREYFEL'D, Ye., inzh.-metodist

In step with time. Prof.-tekh.obr. 22 no.5:28 My '65.

(MIRA 18:5)

1. Shveynaya fabrika No.3 g. Moskvyy.

FREYFEL'D, Ye. I.

"Cases of Enteritic Children with Dysenteric Complication, Pediatrics, No. 4,  
1948  
Path. Anat. Dept, Children's Hosp. im Rusakov, Moscow.

FREYFEL'D, Ye.I.; BLYUMENTAL', K.V.

Reticulogramulomatosis with amyloid liver cirrhosis. *Pediatrics*, Moskva  
No.3:40-46 May-June 51. (GIML 21:4)

1. Of the Clinic of the Infectious Diseases Department (Head—Honored  
Worker in Science Prof. A.I. Dobrokhotova), Academy of Medical Sciences  
USSR, and of the Pathologico-Anatomic Division of the Children's Hospital  
imeni Rusakov (Prosecutor—Prof. Ye.I. Freyfel'd; Head Physician—Docent  
V.A. Krushkov), Moscow.



EXCERPTA MEDICA Sec.5 Vol.11/3 Gen.Pathology,etc.Mar58  
~~FREYFELD, E.I.~~

632. THE MORPHOLOGY OF THE PULMONARY ACINUS IN MAN (Russian text) - Freyfeld/E.I. - ARKH.PATOL. 1957, 19/6 (42-45) Illus.4  
 Development of the pulmonary acinus in embryos was studied by the following method: piece of lung of 3 mm. was spread between a slide and a cellophane layer and compressed by a weight of 100 g. The preparation was fixed in 10% formaldehyde; the cellophane was removed after 24 hr. and the preparation submitted to Foot's silver impregnation. Investigations showed that a pulmonary acinus originates from a mesenchymal substratum which - as symplast - constitutes the wall and the respiratory membrane of the alveolar ducts and sacculi. During respiration the respiratory membrane changes as a result of hydration and dehydration, and the muscles are involved in respiration as a result. The adjacent respiratory membranes of the alveolar ducts are not separated by connective tissue but fuse to form 'septa'. In pathological conditions plasmatic imbibition may give rise to the formation of 'hyaline membranes'. The alveoli are the functional form of alveolar ducts. The alveolar epithelia are macrophages of the respiratory membrane and are mobilized in the case of increased activity.  
 Brandt - Berlin (V. 1, 15\*)

1. MIKLASHEVSKIY, Ye. P.; ~~FREYCOFER, Ye. F., Eng.~~; OMER, N. A., Eng.
2. USSR (600)
4. Concrete Construction - Volga- Don Canal
7. Use of vibrator chutes for pouring concrete at the Volga-Don construction project, Mekh. stroi, 9, No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

FREYGOFER, Ye.F.

MIKLASHEVSKIY, Ye.P., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii; FREYGOFER, Ye.F., inzhener, laureat Stalinskoy premii, redaktor; BEGAR, B.A., redaktor; TOKER, A.M., tekhnicheskij redaktor

[Concrete plants] Betonnye zavody. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 81 p. (MLRA 8:6)  
(Concrete)

*FRAYGOTER Y.A.F.*

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.;  
BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVY, G.A.; BUL'EV, M.Z.; BURAKOV,  
N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.;  
GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DEVELAT,  
Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.;  
GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.P., kand. s.-kh. nauk;  
GRODZHENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO,  
Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK,  
A.P.; ZENKEVICH, D.K.; ZIMANEV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.;  
KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.;  
KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.;  
KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.;  
LKHACHEV, V.P.; LOCUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO,  
K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk;  
MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OTES, I.S.;  
OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PENYSHKIN,  
G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.;  
ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.;  
RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.;  
SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY,  
Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRISOVA,  
Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.;  
TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN,  
N.A.; SHENSTOPAL, A.O.; SHNECHTER, P.A.; SHISHKO, G.A.; SHCHENBINA,  
I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,  
(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.M., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.Y., retsenzent, red.; LUSEIN, Z.D., retsenzent, red.; MATIROSOV, A.Kh., retsenzent, red.; MENICHELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBRZHKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; FILISO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER, (Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.

Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KOMBILINOV, P.N.,  
~~tskh.~~ red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.  
 red.

[Volga-Don; technical account of the construction of the V.I. Lenin  
 Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center,  
 and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'-  
 stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSim-  
 lianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati  
 tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural  
 descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.I. Zhuk.  
 Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of con-  
 struction. Specialized operations in hydraulic engineering] Orga-  
 nizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

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ANDON'YEV, V.I.... (continued) Card 4.

Glav. red. S. I.A. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.

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1. Russia (1923- . U.S.S.R.) Ministerstvo elektrostantsii. Byuro  
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-kor-  
respondent Akademii nauk SSSR (for Akhutin). 3. Daystvitel'nyy  
chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin,  
Razin).

(Volga Don Canal--Hydraulic engineering)

KUYBIDA, G.G., inzh; FREYGOFFER, Ye.F., inzh.

Cable cranes in Russian construction. Mekh.stroi. 15 no.10:13-20  
0 '58. (MIRA 11:11)  
(Cranes, derricks, etc.)



PAVLOV, S.M., inzh.; ~~FREYGOFER~~, Ye.F., inzh.; SAYAPIN, Yu.I., inzh.; ZHDANOV,  
L.G., inzh.; ~~BARYNINA~~, Ye.Yu., kand.tekhn.nauk

Fully mechanized aggregate yards for year-round large concrete plants.  
Prom.stroi. 37 no.8:26-34 Ag '59. (MIRA 12:11)

1. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i  
tekhnicheskoy pomoshchi stroitel'stvu (for Pavlov). 2. Gidroyekt  
(for Sayapin, Freygofer, Zhdanov). 3. Nauchno-issledovatel'skiy insti-  
tut stroitel'noy promyshlennosti (for Barynina).  
(Concrete plants—Equipment and supplies)

BOIMBCHINSKIY, V.P.; VTOROV, N.A.; DUNDUKOV, M.D.; YEGOROV, S.A., doktor tekhn.nauk, prof.; YERMOLOV, A.I.; ZAVORUYEV, V.P.; KALININ, V.V.; KACHEROVSKIY, N.V.; KUZNETSOVA, A.K.; KUZ'MIN, I.A., kand.tekhn.nauk; MEDVEDEV, V.M., kand.tekhn.nauk; MIKULOVICH, B.F.; MIKHAYLOV, V.V., kand.tekhn.nauk; PETRASHEN', R.N.; REYZIN, Ye.S.; SINYAVSKAYA, V.M.; KHALTURIN, A.D.; SHCHERBINA, I.N., kand.tekhn.nauk; SEVAST'YANOV, V.I., red.; KARAULOV, B.F., retsenzent; LOVETSKIY, Ye.S., retsenzent; MIKHAYLOV, A.V., doktor tekhn.nauk, retsenzent; NATANSON, A.V., retsenzent; SOKOL'SKIY, M.M.; retsenzent; STANKEVICH, V.I., retsenzent; FREYGOFER, Ye.F., retsenzent; GOTMAN, T.P., red.; VORONIN, K.P., tekhn.red.

[Work of the All-Union Scientific Research Institute for the Study and Design of Hydraulic Structures] Nauchno-issledovatel'skie raboty Gidroproekta. Pod obshchei red. V.I.Sevast'ianova. Moskva, Gos.energ.izd-vo, 1961. 214 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut Gidroproyekt imeni S.Ya.Zhuk. Nauchno-issledovatel'skiy sektor.

(Hydraulic engineering--Research)

FREYKA, B., professor (Brno, Chekhoslovakiya)

Congenital dislocation of the hip and its treatment. Ortop.,  
travn. i protes. 18 no.1:20-28 Ja-F '57. (MLRA 10:6)

(HIP, dislocation  
congen., ther. in child. & adolescents)

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7052. (1582) STIMULATION OF GROWTH OF THE SHORTENED LOWER EXTREMITY (Russian text) - Freyka B. and Ficht M. - ORTOP. TRAUM. I PROTEZ. 1959, 20/1 (49-53) Tables 2 Illus. 3

Operative treatment in different types of shortening of one of the lower extremities was performed on 20 children aged from 4 to 13 yr. in order to stimulate the growth of the bones. The operation consists in stripping the periosteum around the metadiaphyseal portion of the tibia and in several longitudinal incisions of the cortical layer made by a circular saw (without damage to the epiphyseal cartilage). An average lengthening of 1-3 cm. of the shortened lower extremity was achieved. This was associated with an improvement in the blood supply of the extremity.

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*13 ortopedicheskoy kliniki v Brno*

FREYKA, B., prof.; KUKHARZH, L.; GOLESHOVSKI, S.

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coxofemoral joint in children. Ortop., travm. i protez. no.11:  
63-66 '61. (MIRA 14:12)

1. Iz ortopedicheskoy kliniki universiteta Ya. Ye. Purkin'ye,  
g. Brno. Adres avtorov: G. Brno, Chekhoslovakiya, Pekarskaya ul.,  
d. 53, Ortopedicheskaya klinika.

(HIP JOINT--RADIOGRAPHY) (RADIATION PROTECTION)  
(PELVIS--RADIOGRAPHY)

FREYKIN, A. G.

TurkmenSKaya SSR; Ekonomiko-Geograficheskaya Kharakteristika (Turkmen SSR; Economic Geographical Characteristics) Moskva, Geografizdat, 1974.

315 P. Illus., Maps.

"Literatura": P. 309-(314)

At Head of Title: Akademiya Nauk SSSR. Institut Geografii.

SO: 32N/5

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FREYKMAN, A.I., inzh.

Shore-strengthening breakwaters made of shell columns. Transp.  
stro1. 12 no. 7:52-53 J1 '62. (MIRA 16:2)  
(Breakwaters) (Precast concrete construction)

DAVIDOVICH, V.G.; KOVALEV, S.A.; MINTS, A.A.; NAZAREVSKIY, O.R.;  
POKSHISHEVSKIY, V.V.; POMUS, I.M.; RYAZANTSEV, S.N.;  
FREYKIN, V.G.; KHOREV, B.S.

Nikolai Ivanovich Idalikov; obituray. Izv. AN SSSR. Ser. geog  
no.1:166-167 Ja-F '62. (MIRA 15:2)  
(Idalikov, Nikolai Ivanovich, 1900-1961)



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"Petroleum and gases of the U.S.S.R." by K.V. Dolgopolov,  
A.V. Sokolov, E.F. Fedorova. Reviewed by Z.Freikin. Geog.  
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(Petroleum) (Gas, Natural)  
(Dolgopolov, K.V.) (Sokolov, A.V.) (Fedorova, E.F.)

**FREYKIN, Z.G.**

~~Review of~~  
"Outline of teaching methods for economic geography." N.N.Baranskii.  
Reviewed by Z.G.Freikin. Geog. v shkole no.3:75-78 My-Je '47.(MLRA 9:6)  
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FREIKIN, Z.G.

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DLC: Unclass.

SO: LC, Soviet Geography, Part II, 1951, Unclassified

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24456 FREEMAN, Z. S. Nekotoryye voprosy metodiki geografi. Geografiya v shkole, 1949, No. 3, S. 66-68.

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no. 1, p. 1-9, map).  
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FREYKIN, Z. G. - "Economic Geography Features of the Turkmen SSR."  
Sub 29 Apr 52, Inst of Geography, Acad Sci USSR. (Dissertation  
for the Degree of Candidate in Geographical Sciences).

SO: Vechernaya Moskva January-December 1952

FREYKIN, Z. G.

Z. G. Freykin, Candidate in Economic Sciences, Turkmenskaya SSR. Ekonomiko-geograficheskiy ocherk /The Turkmenian SSR. A Sketch of Its Economic Geography/, Geografiz, 20 sheets - 1954

A popular scientific book that acquaints the reader with the natural features of the territory of the Turkmenian SSR, with the historic past of the Turkmenian people, its cultural and political growth, the development of the country's productive forces during the years of Soviet power, and with the prospects for the further blooming of the national economy of the Turkmenian SSR.

It may serve as a manual for research workers, teachers and students of institutes, pupils at technical schools, and the upper grades of middle school.

SO: U-6472, 23 Nov 1954

FREYKIN, Z. G.  
FREYKIN, ZAKHAR GHEORGEVICH

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Economic-Geographical Characteristics) Moskva, Geografiz, 1954:-

V. Illus., Maps.

At Head of Title: Akademiya Nauk SSSR. Institut Geografii.

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Lib. Has: 1954  
1957



USSR/Agriculture - Dry farming

Card 1/1 Pub. 45 - 7/16

Authors : Freykin, Z. G.

Title : Development of small oasis farming in dry regions of the Turkmen SSR

Periodical : Izv. AN SSSR. ser. geog. 1, 54-59, Jan-Feb 1954

Abstract : A description is given of the methods by which some agriculture is carried on in the dry Turkmen regions. In some places, where water is available, irrigation is used and some stock is raised. An explanation is given of the manner in which the ground is treated to preserve and distribute the water and ideas are presented for intensifying the work and establishing regular collective farms. Illustrations.

Institution : Geographic Institute of the Soviet Academy of Science

Submitted : ...

FREYKIN, Z.G.

Ashkhabad. Geog. v shkole 18 no.2:11-20 Mr-Ap '55. (MLRA 8:7)  
(Ashkhabad--Description)

RYAZANTSEV, S.N.; FREYKIN, Z.G.

Work on regional economic geography of the U.S.S.R. Izv. AN SSSR, Ser.  
geog. no. 4:167-168 J1-Ag '56. (MIRA 9:10)  
(Geography, Economic)

FREYKIN, Z.G.

Kara-Kum Canal. Geog. v shkole 19 no.3:6-12 My-Je '56.  
(Kara-Kum Canal) (MLRA 9:9)